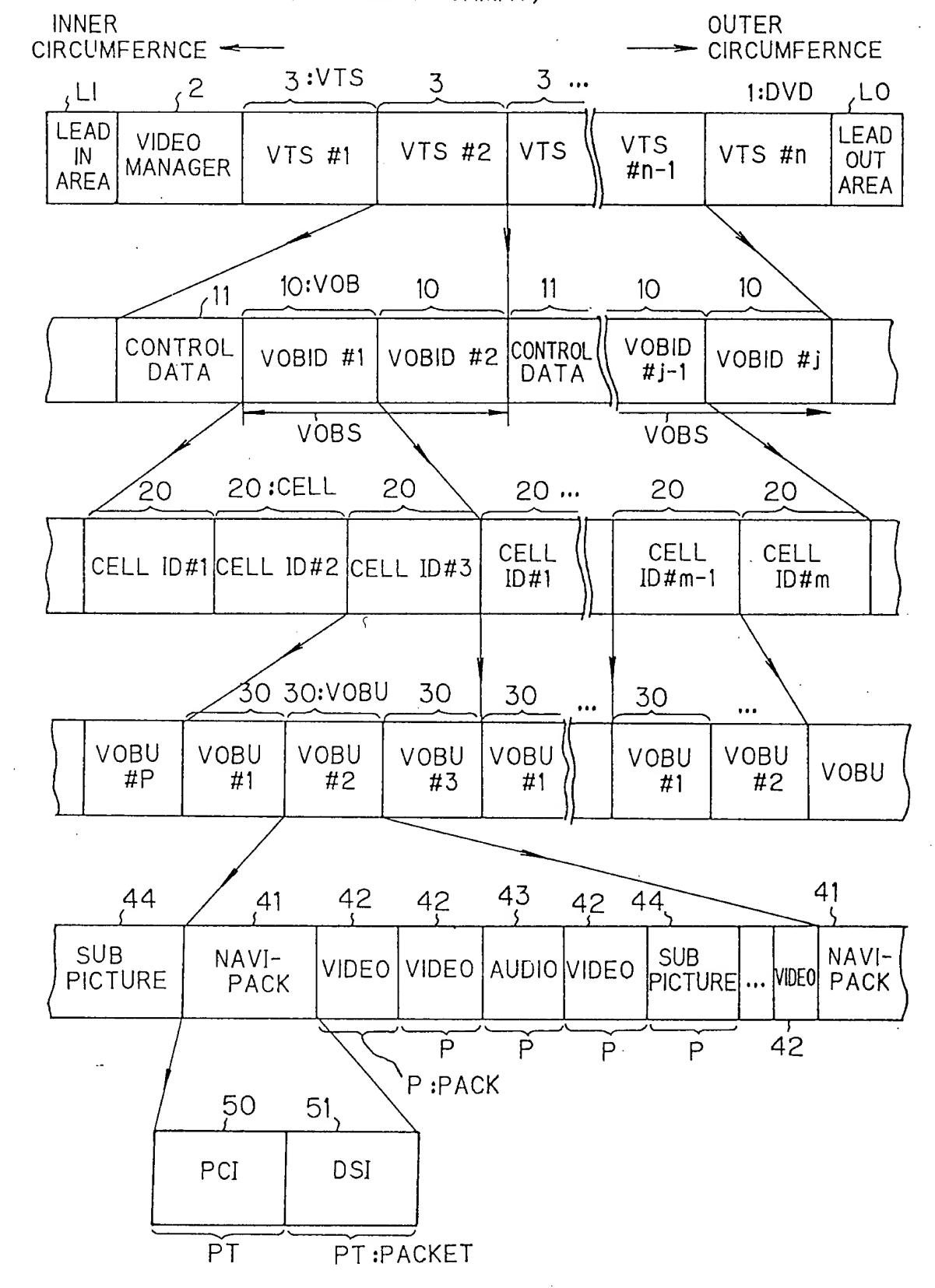
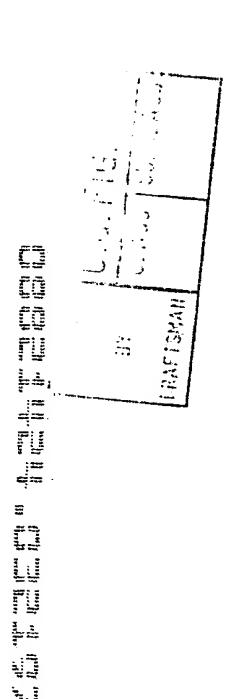
FIG.1

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PHYSICAL STRUCTRE OF RECORD INFORMATION (PHYSICAL FORMAT)

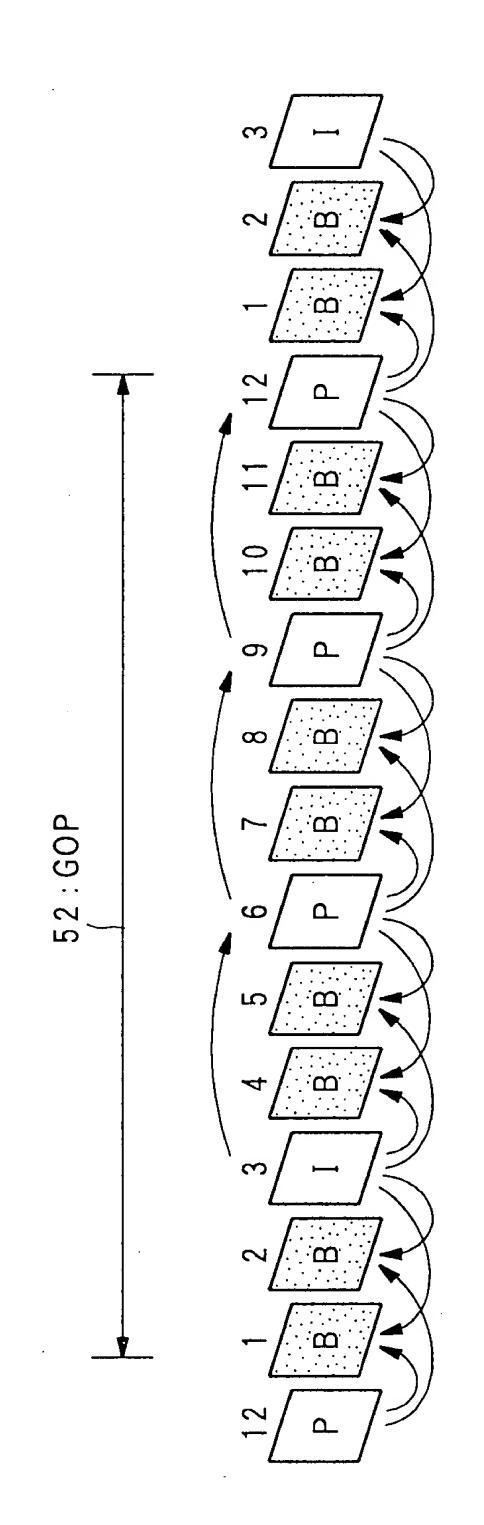


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F1G. 2

FRAME PICTURES OF GOP



TIME



LOGICAL STRUCTRE OF RECORD INFORMATION (LOGICAL FORMAT)

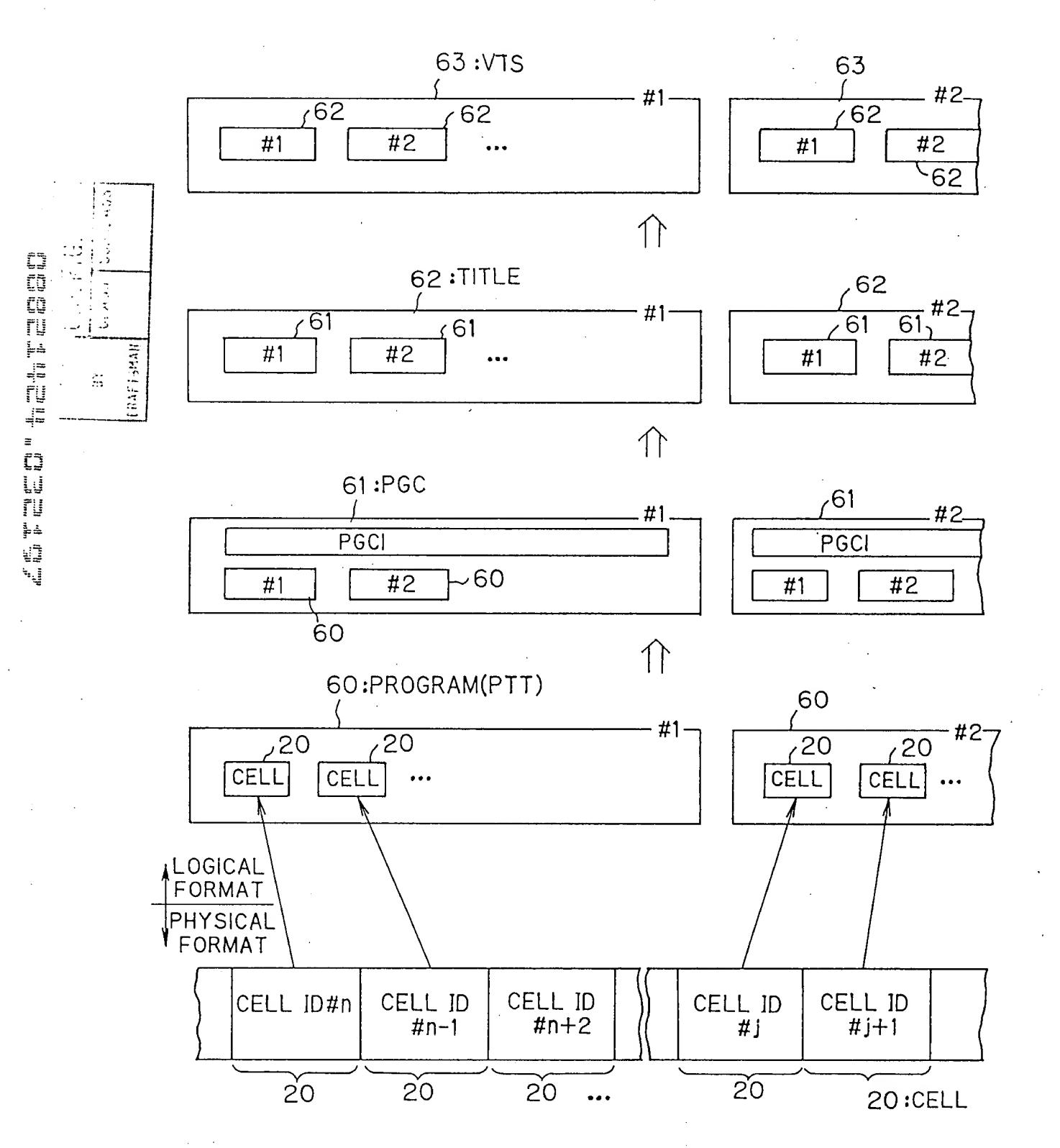
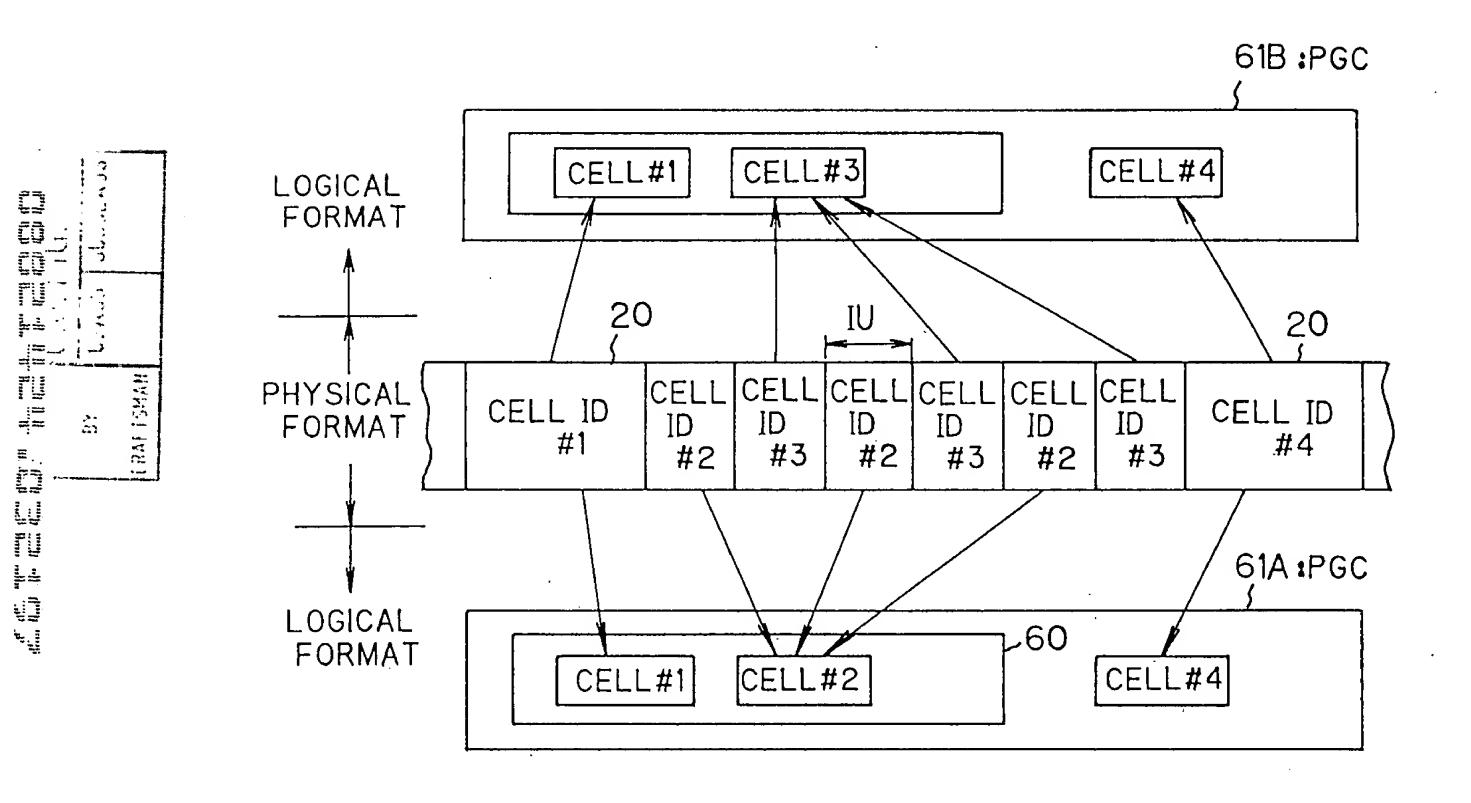


FIG. 4

STRUCTURE OF INTERLEAVED UNIT



IU : INTERLEAVED UNIT

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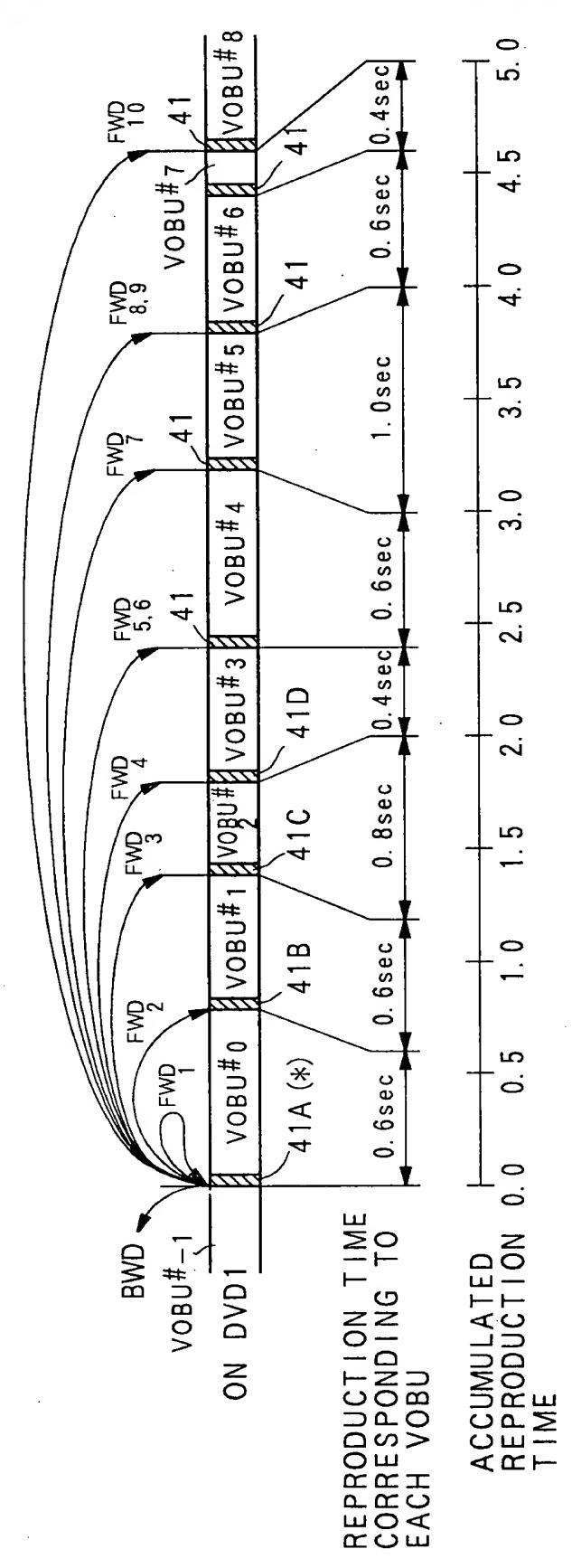
DSI DATA

- GENERAL INFORMATION
- SEAMLESS INFORMATION
- ANGLE JUMP DESTINATION INFORMATION
- VOB UNIT
 SEARCH INFORMATION
- SYNCHRONOUS REPRODUCTION INFORMATION

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<u>Б</u>

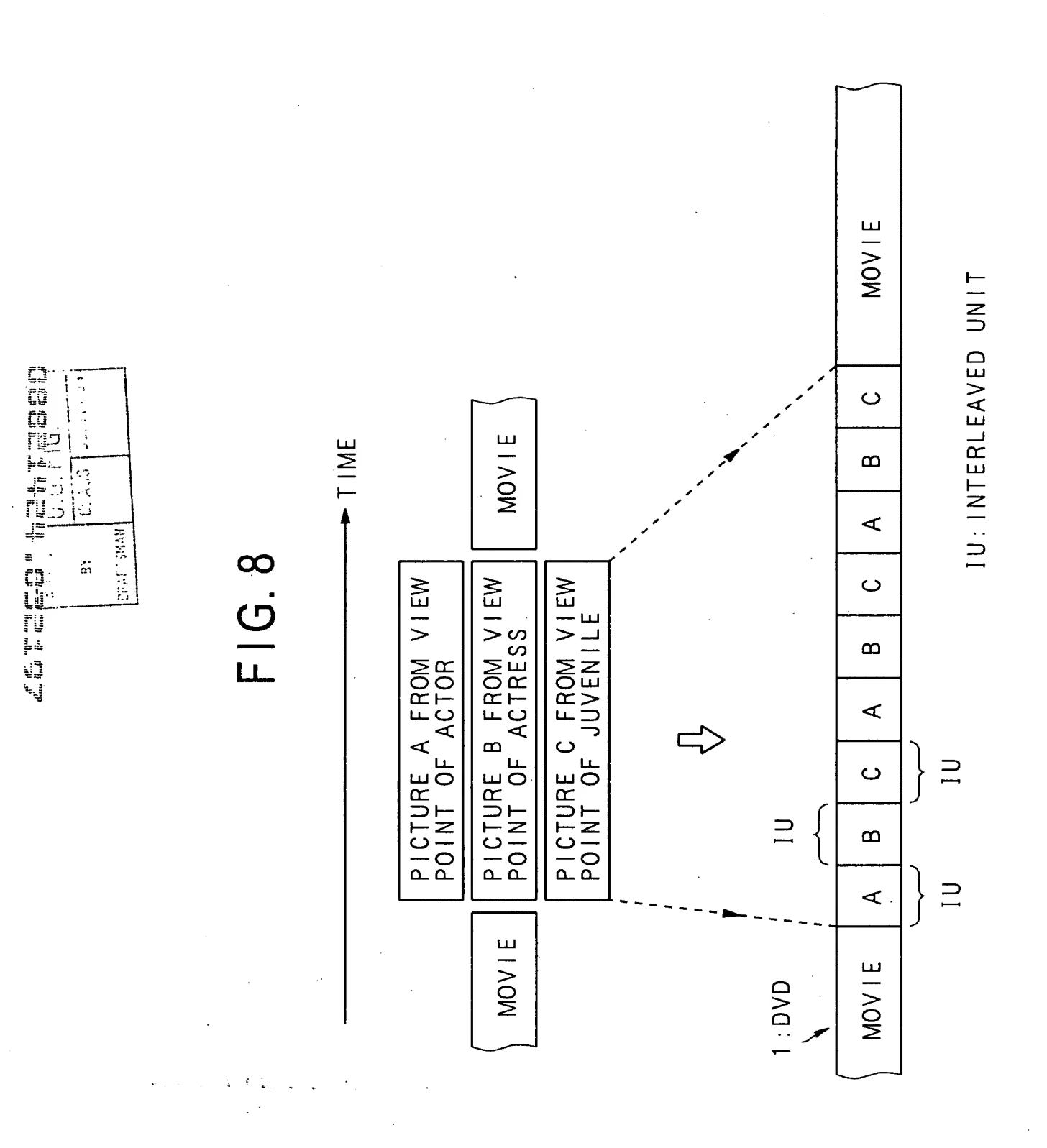
VOBU SEARCH INFORMATION



41:NAVI-PACK

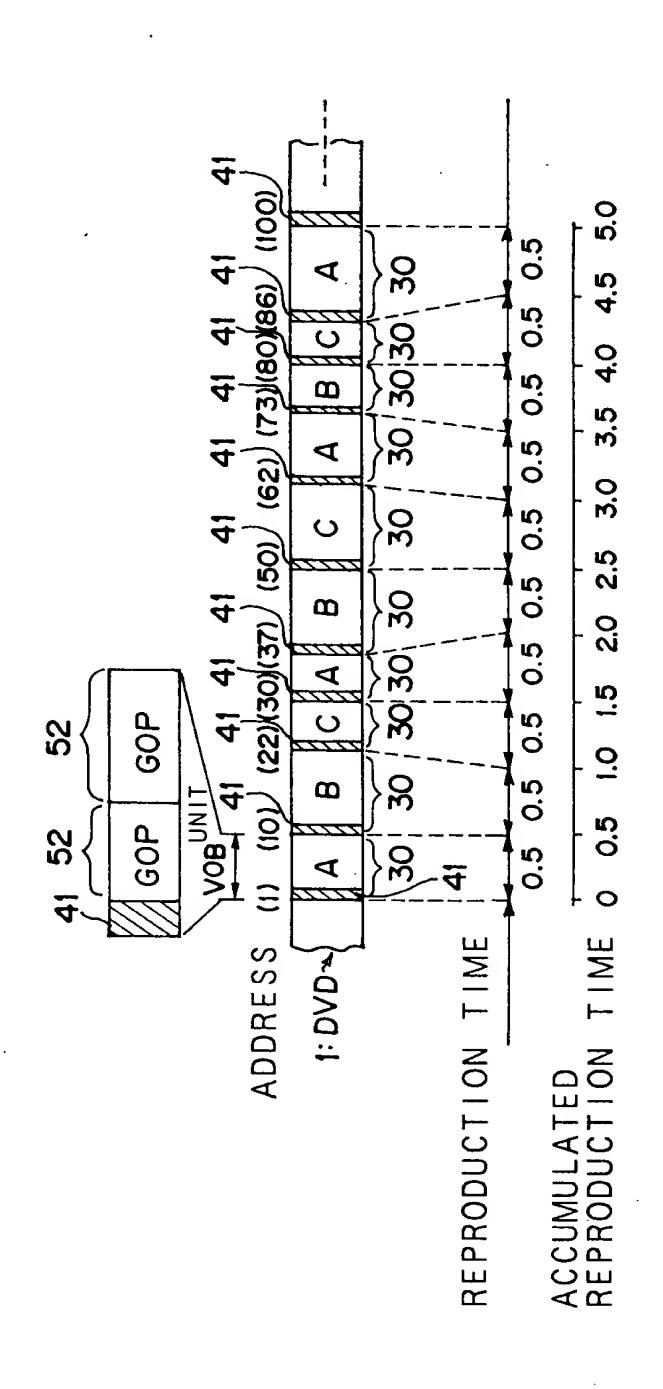
structure of VOBU search information

ADDRESS	CONTENT	<u> </u>	
NUMBER	OONTENT		
FWDA240	start address of VOBU to be reproduced	120	seconds after
FWDA120	start address of VOBU to be reproduced	60	seconds after
FWDA 60	start address of VOBU to be reproduced	30	seconds after
FWDA 20	start address of VOBU to be reproduced	10	seconds after
FWDA 15	start address of VOBU to be reproduced	7.5	seconds after
FWDA 14	start address of VOBU to be reproduced	7.0	seconds after
FWDA 13	start address of VOBU to be reproduced	6.5	seconds after
FWDA 12	start address of VOBU to be reproduced	6.0	seconds after
FWDA 11	start address of VOBU to be reproduced	5.5	seconds after
FWDA 10	start address of VOBU to be reproduced	5.0	seconds after
FWDA 9	start address of VOBU to be reproduced	4.5	seconds after
FWDA 8	start address of VOBU to be reproduced	4.0	seconds after
FWDA 7	start address of VOBU to be reproduced	3.5	seconds after
FWDA 6	start address of VOBU to be reproduced	3.0	seconds after
FWDA 5	start address of VOBU to be reproduced	2.5	seconds after
FWDA 4	start address of VOBU to be reproduced	2.0	seconds after
FWDA 3	start address of VOBU to be reproduced	1.5	seconds after
FWDA 2	start address of VOBU to be reproduced	1.0	second after
FWDA 1	start address of VOBU to be reproduced	0.5	seconds after
BWDA 1	start address of VOBU reproduced	0.5	seconds before
BWDA 2	start address of VOBU reproduced	1.0	second before
BWDA 3	start address of VOBU reproduced	1.5	seconds before
BWDA 4	start address of VOBU reproduced	2.0	seconds before
BWDA 5	start address of VOBU reproduced	2.5	seconds before
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F1G.9

RELATION BETWEEN REPRODUCTION TIME AND RECORD INFORMATION DIVIDED INTO INTERLEAVED UNITS

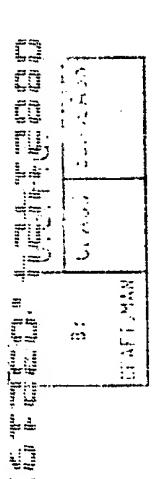


30:VOB UNIT 41:NAVI-PACK

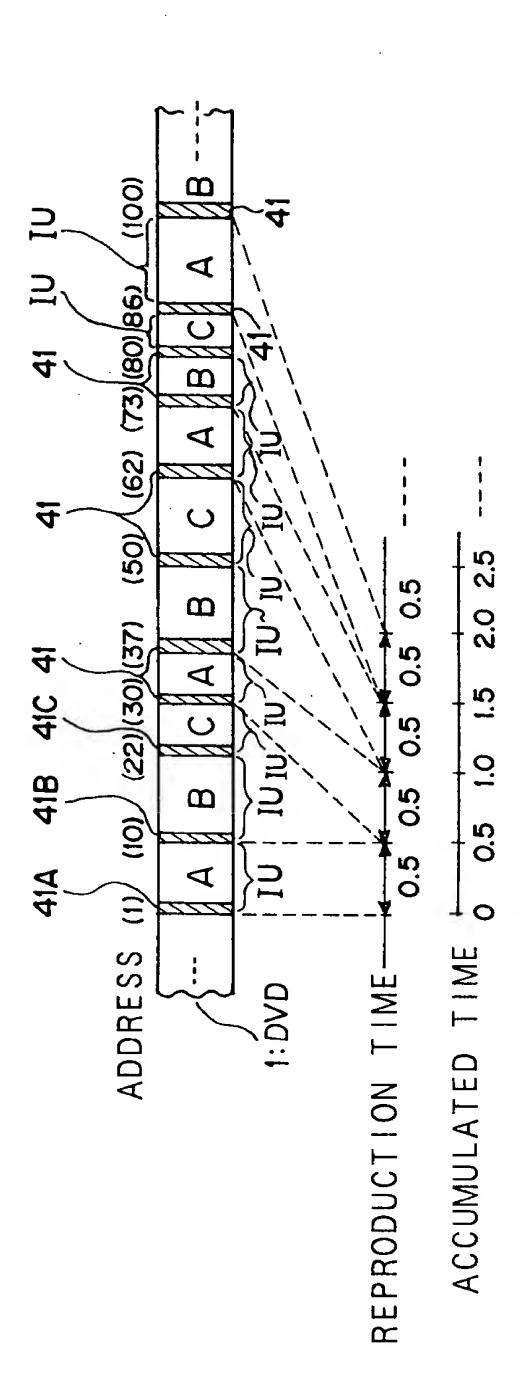
VOBU search information

Example 1

ADDRESS	CONTENT	VOBU
NUMBER		ADDRESS
FWDA240	start address of VOBU to be reproduced 120 seconds after	•••
FWDA120	start address of VOBU to be reproduced 60 seconds after	
FWDA 60	start address of VOBU to be reproduced 30 seconds after	•••
FWDA 20	start address of VOBU to be reproduced 10 seconds after	•••
FWDA 15	start address of VOBU to be reproduced 7.5 seconds after	
FWDA 14	start address of VOBU to be reproduced 7.0 seconds after	•••
FWDA 13	start address of VOBU to be reproduced 6.5 seconds after	•••
FWDA 12	start address of VOBU to be reproduced 6.0 seconds after	•••
FWDA 11	start address of VOBU to be reproduced 5.5 seconds after	•••
FWDA 10	start address of VOBU to be reproduced 5.0 seconds after	100
FWDA 9	start address of VOBU to be reproduced 4.5 seconds after	86
FWDA 8	start address of VOBU to be reproduced 4.0 seconds after	80
FWDA 7	start address of VOBU to be reproduced 3.5 seconds after	73
FWDA 6	start address of VOBU to be reproduced 3.0 seconds after	62
FWDA 5	start address of VOBU to be reproduced 2.5 seconds after	50
FWDA 4	start address of VOBU to be reproduced 2.0 seconds after	37
FWDA 3	start address of VOBU to be reproduced 1.5 seconds after	30
FWDA 2	start address of VOBU to be reproduced 1.0 second after	22
FWDA 1	start address of VOBU to be reproduced 0.5 seconds after	10
BWDA 1	start address of VOBU reproduced 0.5 seconds before	***
BWDA 2	start address of VOBU reproduced 1.0 second before	•••
BWDA 3	start address of VOBU reproduced 1.5 seconds before	•••
BWDA 4	start address of VOBU reproduced 2.0 seconds before	•••
BWDA 5	start address of VOBU reproduced 2.5 seconds before	•••
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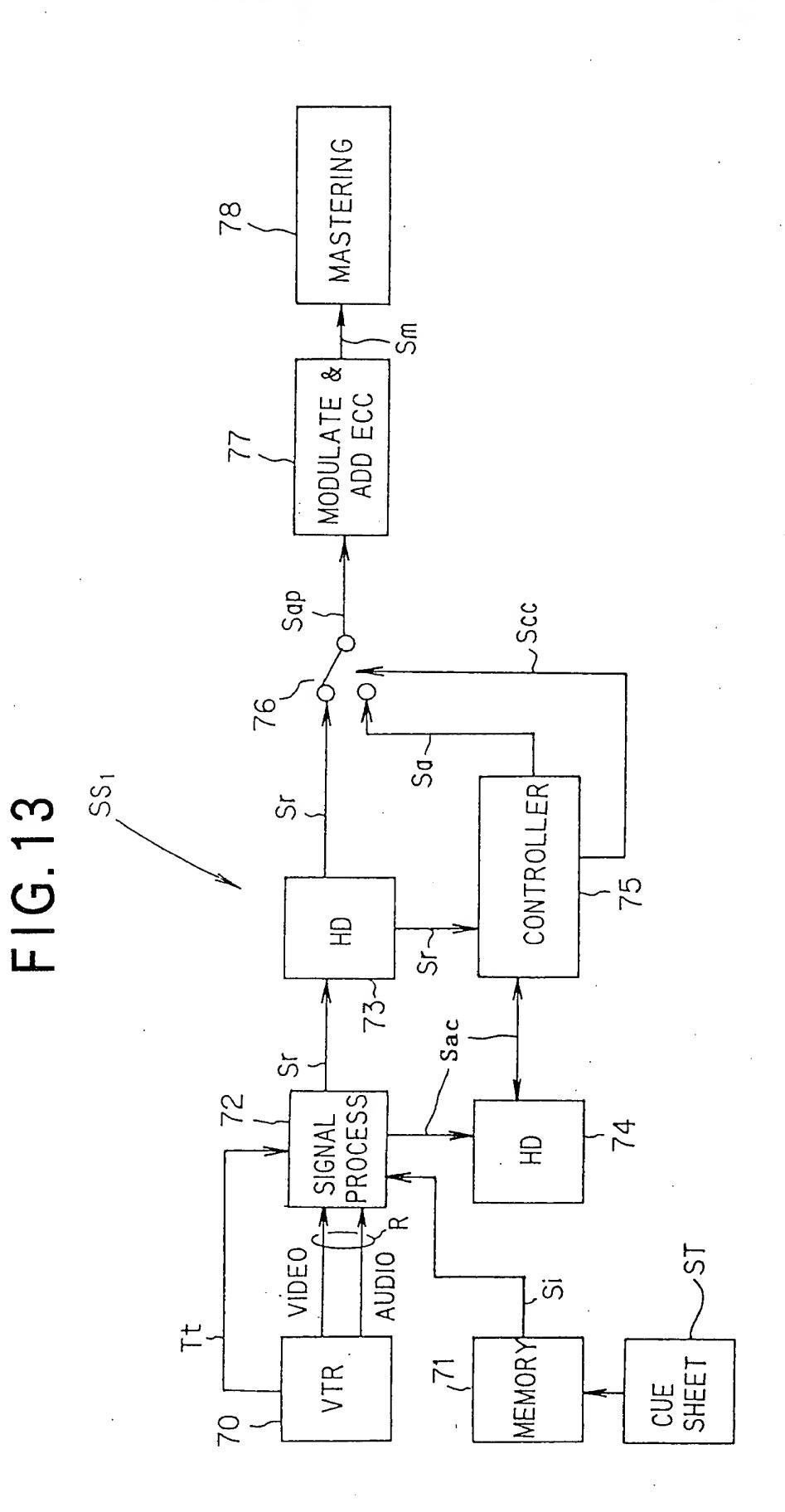


IU: INTERLEAVED UNIT 41: NAVI-PACK

VOBU search information

Example 2

ADDRESS	CONTENT		VOBU
NUMBER			ADDRESS
FWDA240	start address of VOBU to be reproduced		•••
FWDA120	start address of VOBU to be reproduced	60 seconds after	
FWDA 60	start address of VOBU to be reproduced	30 seconds after	•••
FWDA 20	start address of VOBU to be reproduced	10 seconds after	•••
FWDA 15	start address of VOBU to be reproduced	7.5 seconds after	•••
FWDA 14	start address of VOBU to be reproduced	7.0 seconds after	•••
FWDA 13	start address of VOBU to be reproduced	6.5 seconds after	•••
FWDA 12	start address of VOBU to be reproduced	6.0 seconds after	
FWDA 11	start address of VOBU to be reproduced	5.5 seconds after	
FWDA 10	start address of VOBU to be reproduced	5.0 seconds after	•••
FWDA 9	start address of VOBU to be reproduced	4.5 seconds after	
FWDA 8	start address of VOBU to be reproduced	4.0 seconds after	•••
FWDA 7	start address of VOBU to be reproduced	3.5 seconds after	•••
FWDA 6	start address of VOBU to be reproduced	3.0 seconds after	•••
FWDA 5	start address of VOBU to be reproduced	2.5 seconds after	•••
FWDA 4	start address of VOBU to be reproduced	2.0 seconds after	•••
FWDA 3	start address of VOBU to be reproduced	1.5 seconds after	86
FWDA 2	start address of VOBU to be reproduced	1.0 second after	62
FWDA 1	start address of VOBU to be reproduced	0.5 seconds after	30
BWDA 1	start address of VOBU reproduced	0.5 seconds before	•••
BWDA 2	start address of VOBU reproduced	1.0 second before	•••
BWDA 3	start address of VOBU reproduced	1.5 seconds before	•••
BWDA 4	start address of VOBU reproduced	2.0 seconds before	•••
BWDA 5	start address of VOBU reproduced	2.5 seconds before	•••
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•	:		:



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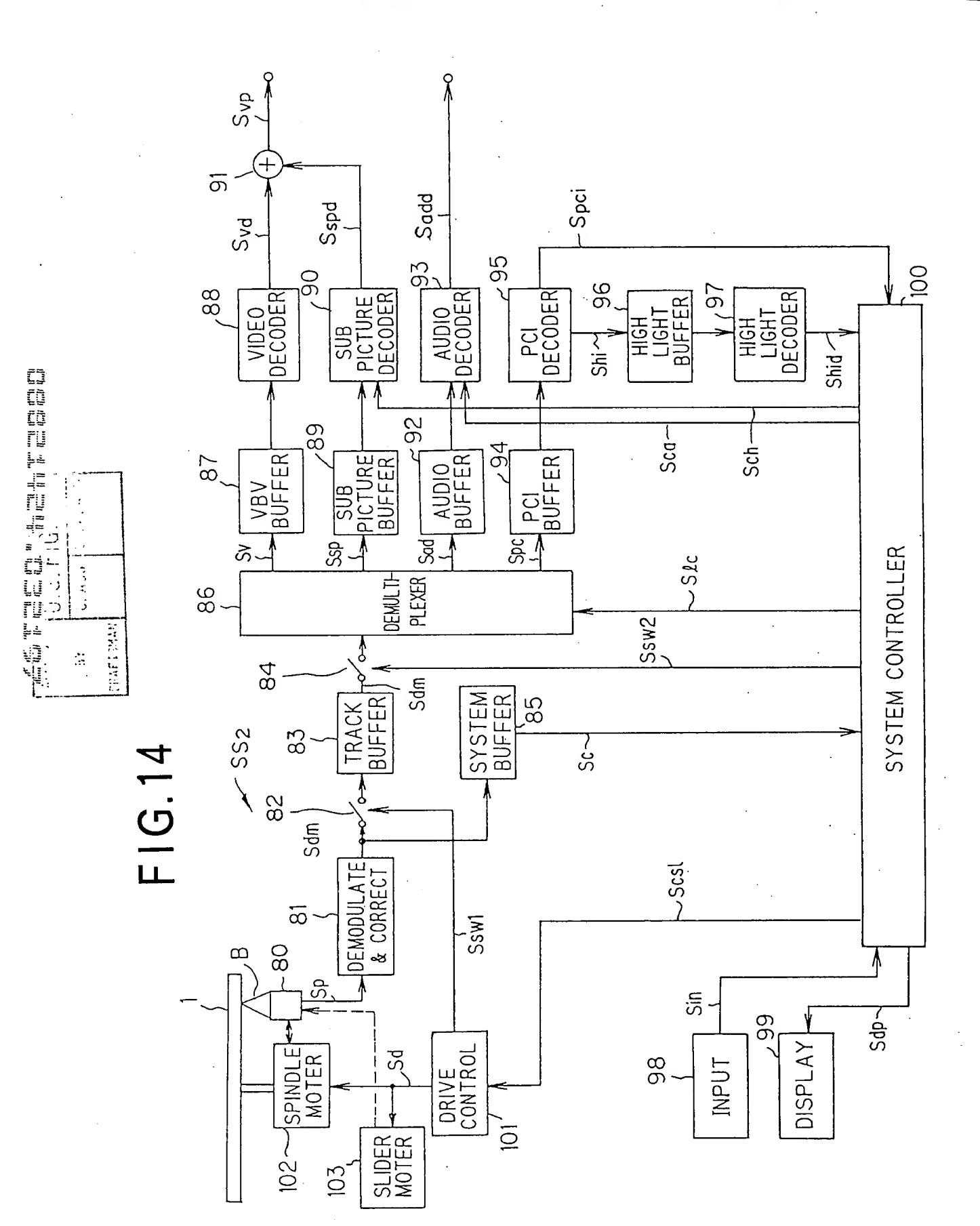
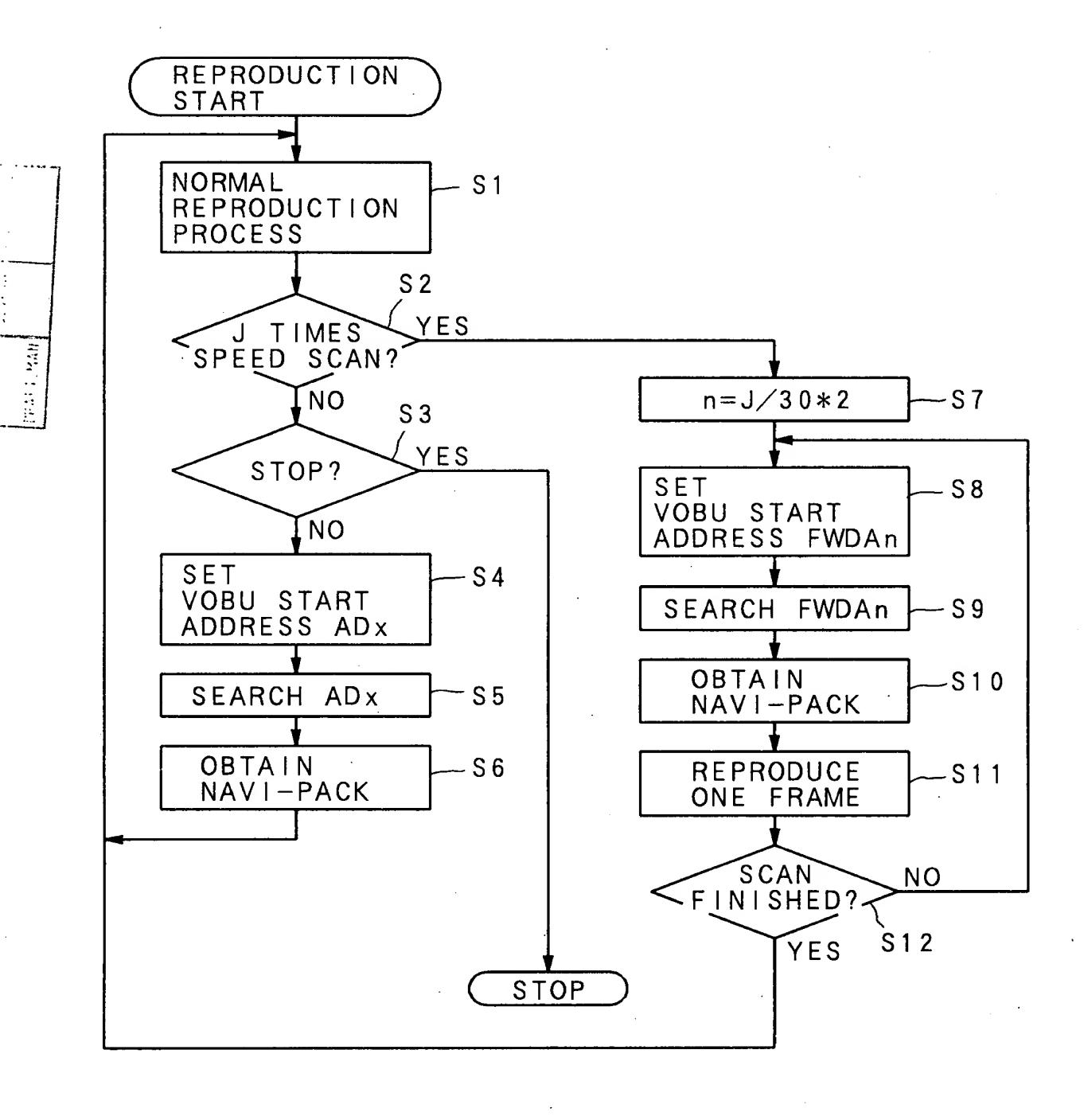
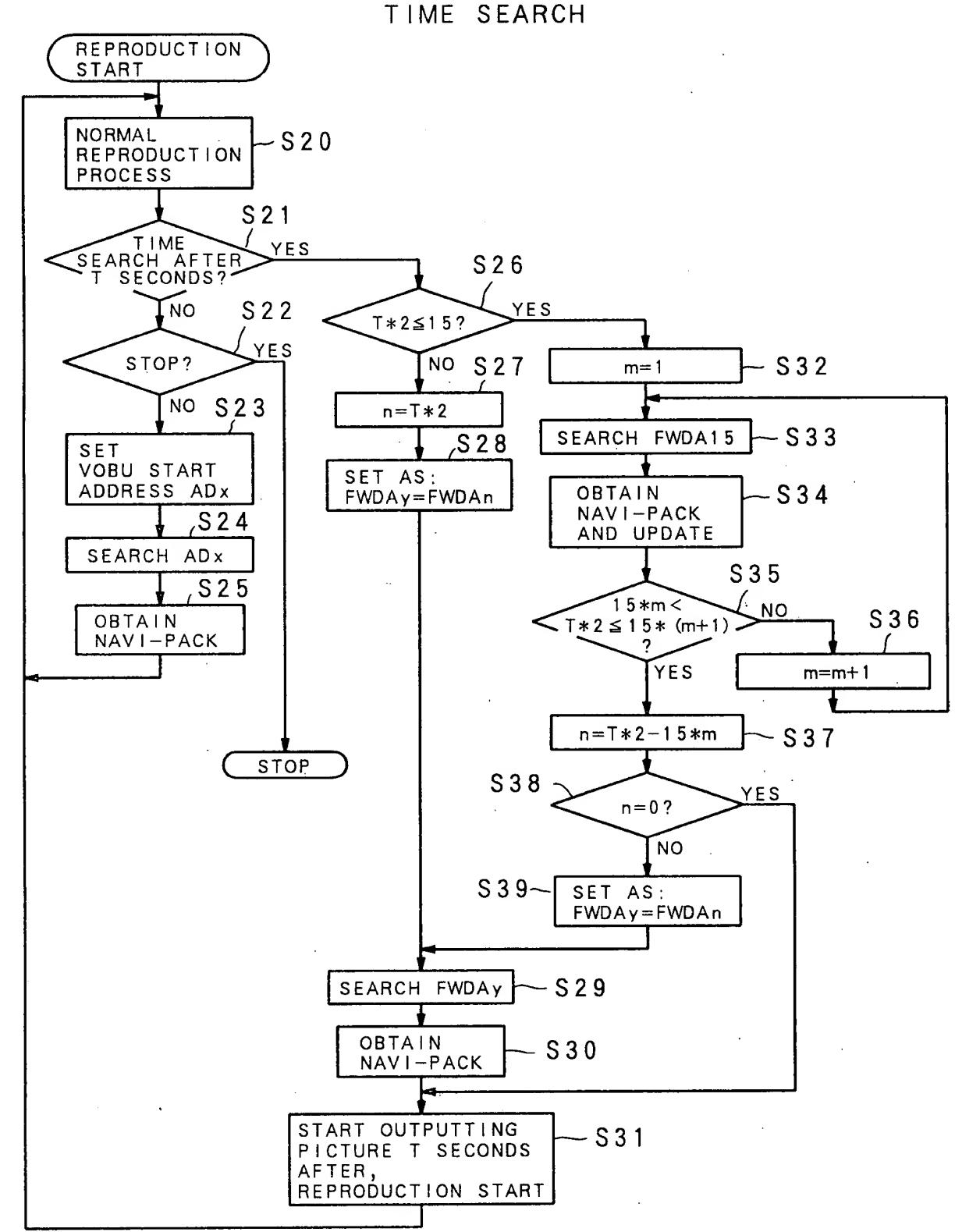


FIG. 15

J TIMES SPEED VISUAL SCAN OPERATION





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